## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

e: Smith et al.

erial No.: 69/772,229

Group Art Unit: 2162 Examiner: Baoquoc N. To

Filed: January 29, 2001

Confirmation No.: 9684

For:

SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR DETERMINING PARAMETERS FOR CHEMICAL SYNTHESIS AND FOR SUPPLYING THE REAGENT, EQUIPMENT AND/OR CHEMICALS

SYNTHESIZED THEREBY

April 29, 2005

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 C.F.R. §1.97(c)

Sir:

Attached is a list of documents on Form PTO-1449, together with a copy of any listed foreign patent document and/or non-patent literature. A copy of any listed U.S. patent and/or U.S. patent application publication is not provided herewith in accordance with the amendment by the U.S. Patent and Trademark Office to 37 C.F.R. § 1.98(a)(2)(ii) effective October 21, 2004.

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(c), before final Office Action or Allowance, whichever is earlier. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. §1.56 and Section 609 of the MPEP.

In accordance with the requirements of 37 C.F.R. § 1.97(c)(2), a check for the \$180.00 fee specified in 37 C.F.R. § 1.17(p) is enclosed. This amount is believed to be correct. However, the Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

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Respectfully submitted,

Mitchell S. Bigel

Registration No. 29,614

Myers Bigel Sibley & Sajovec, P.A.

P. O. Box 37428

Raleigh, North Carolina 27627 Telephone: (919) 854-1400 Facsimile: (919) 854-1401

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Susan E. Freedman

Date of Signature: April 29, 2005

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Co	omplete if Known	
Application Number	09/772,229	
Filing Date	01/29/2001	
First Named Inventor	Robin Y. Smith	
Group Art Unit	2162	
Examiner Name	Baoquoc N. To	
Attorney Docket Number	9258-2	

U.S. PATENTS AND PATENT PUBLICATIONS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited	Date of Publication of Cited	
		Number	Kind Code (if known)	Document	Document MM-DD-YYYY	
	1.	US-6,658,429		Dorsett, Jr.	12/02/2003	
	2.	US-6,618,852		Van Eikeren et al.	09/09/2003	
	3.	US-6,594,588		Peden et al.	07/15/2003	
	4.	US-6,584,412		Brecher	06/24/2003	
	5.	US-6,507,945		Rust et al.	01/14/2003	
	6.	US-6,403,764		Dubaquie et al.	06/11/2002	
	7.	US-2001/0047398	1	Rubenstein	11/29/2001	
	8.	US-5,737,498	1	Murray	04/07/1998	
	9.	US-5,623,592		Carlson et al.	04/22/1997	
	10.	US-5,576,946		Bender et al.	11/19/1996	

FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document		Name of Patentee or Applicant of Cited	Date of Publication of	Translation	
Initials*	No.	Office	Number	Kind Code (if known)	Document	Cited  Document  MM-DD-YYYY	
	11.	wo	00/23921		Symyx Technologies, Inc.	04/27/2000	
	12.	EP	0 796 654		Warner-Lambert Company	09/24/1997	

		OTHER NON PATENT LITERATURE DOCUMENTS	T					
Examiner	period summerium entotes eta \ data mage(a) volume inque cumber(a) mubliches eitu and/or country where publiched							
nitials*	No.							
	13.	"CASREACT – Chemical Reactions Database" CAS						
		http://web.archive.org/web/19981205234415/http://www.cas.org/CASFILES/casreact.html (1998)						
		Accessed on March 24, 2005						
	14.	"Chemscape Brings Structure Searching to Bayer's Intranet" Molecular Connection 17(2): 13, 15-16						
		(1998)						
	15.	"STN Database Summary Sheet" CASREACT Database						
		http://web.archive.org/web/20000510124900/www.cas.org/ONLINE/DBSS/casreactss.html (2000)						
		Accessed on March 24, 2005						
	16.	"The ChemFinder WebServer: Indexing Chemical data on the Internet" CS ChemFinder						
	1.0	/web.archive.org/web/19990417145549/http://chemfinder.camsoft.com/chimia.html (1998)						
		Accessed on March 29, 2005						
	17.	Bitter "LabEqwip.Com: E-Commerce for Lab Equipment and Supplies" ChemNews.com Issue 10.1						
		(2000) http://web.archive.org/web/20001029084409/www.chemnews.com/art.cfm?S=97 Accessed on						
		March 29, 2005						
	18.	CambridgeSoft.Com "ChemOffice Ultra 2001; ChemOffice WebServer 2000; ChemOffice Pro 2001;						
		Chem3D Ultra 6.0; ChemFinder Ultra 6.0; ChemInfo Pro 5.5; ChemInfo Pro 5.5; ChemDraw Ultra 6.0;						
		mDraw Pro 6.0" http://citewise.adeptscience.co.uk/chemoffice/newfeatures_e.pdf						
19.		Culot "ChemOffice Webserver 2000" ChemNews.com Issue 10.1 (2000)						
		://web.archive.org/web/20001208070900/www.chemnews.com/art.cfm?S=92 Accessed on March						
		29, 2005						
	20.	ot "ChemOffice WebServer 2000" ChemNews.com Issue 9.3 (2000)						
		p://web.archive.org/web/20001208000400/www.chemnews.com/art.cfm?S=61 Accessed on March						
		29, 2005						
	21.	elin "Fisher Catalog Now Available in ChemStore.Com" ChemNews.com Issue 9.4 (2000)						
		http://web.archive.org/web/20000616182353/www.chemnews.com/art.cfm?S=82 Accessed on March						
		29, 2005						
	22.	Gelin "Managing Chemical Inventory with CIS Pro" ChemOffice WebServer Reviews (2000)						
		http://web.archive.org/web/20001002115332/products.camsoft.com/reviews/review.cfm?ID=102						
		Accessed march 29, 2005						
	23.	Goldwasser et al. "Application for United States Patent: Custom e-Research System and Methods"						
xaminer S	Signatur	Date Considered						

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

الله و المراجع						
Substitute	form 1449A/PTO			Complete if Known		
		PE	Application Number	09/772,229		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	01/29/2001		
			First Named Inventor	Robin Y. Smith		
O.A.L.		MPR 2 9 2005	Group Art Unit	2162		
(use as ma	any sheets as necessary)			Baoquoc N. To		
Sheet	2 of 2	4.	Attorney Docket Number	9258-2		
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		THE STATE OF THE S					
		OTHER NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
		U.S. Serial No. 10/043,515 (2001)					
	24.	Gosalvez "ChemACX.Com E-Commerce: System Architecture" <i>ChemNews.com</i> Issue 10.1 (2000) <a href="http://web.archive.org/web/20000930052935/www.chemnews.com/art.cfm?S=94">http://web.archive.org/web/20000930052935/www.chemnews.com/art.cfm?S=94</a> Accessed on March 29, 2005					
	25.	Gosalvez "Chemical Catalogs Go E-Commerce" ChemOffice Webserver Reviews" (2000)  http://web.archive.org/web/20001119214100/products.camsoft.com/reviews/review.cfm?ID=99  Accessed March 29, 2005					
	26.	Gosalvez "Chemical E-Commerce for Corporations and Institutions" ChemNews.com Issue 9.4 (2000) http://web.archive.org/web/20000524172720/www.chemnews.com/art.cfm?S=81 Accessed on March 29, 2005					
	27.	Gosalvez "Chemical E-Commerce" ChemNews.com Issue 9.3 (2000) http://web.archive.org/web/20000616010914/www.chemnews.com/art.cfm?S=64 Accessed on March 29, 2005					
	28.	Hendrickson "Building the Shortest Synthesis Route" Chemtech 28 (9): 35-40 (1998)					
	29.	Ihlenfeldt et al "Computer-Assisted Planning of Organic Syntheses: The Second Generation of Programs" Angew. Chem. Int. Ed. Engl. 34: 2613-2633 (1995)					
	30.	Jorgensen et al. "CAMEO: A Program for the Logical Prediction of the Products of Organic Reactions" Pure & Appl. Chem. 62 (10): 1921-1932 (1990)					
	31.	Manrique "Electronic Notebooks for Chemical R&D" ChemNews.com Issue 9.2 (2000) http://web.archive.org/web/20001028210705/www.chemnews.com/art.cfm?S=48 Accessed on March 29, 2005					
	32.	MDL Information Systems, Inc. "Integration Reagent Selection, Ordering and Inventory Management" Power Point Presentation (2000)					
	33.	Muskal "Affymax Launches Chemscape Application for Compound Requisition and Tracking" <i>Molecular Connection</i> 17(1): 14-17 (1998)	-				
	34.	Robinhold "ChemACX.Com E-Commerce: Scientists Find & Buy" ChemNews.com Issue 10.1 (2000) <a href="http://web.archive.org/web/20001119222500/www.chemnews.com/art.cfm?S=93">http://web.archive.org/web/20001119222500/www.chemnews.com/art.cfm?S=93</a> Accessed on March 29, 2005					
	35.	Robinhold "ChemQuote.com: E-Commerce for Chemicals" ChemNews.com Issue 9.4 (2000) <a href="http://web.archive.org/web/20001029101422/www.chemnews.com/art.cfm?S=80">http://web.archive.org/web/20001029101422/www.chemnews.com/art.cfm?S=80</a> Accessed on March 29, 2005					
	36.	Swartz "Building Web Applications" CS ChemOffice WebServer Reviews http://web.archive.org/web/20001011031541/products.camsoft.com/reviews/review.cfm?ID=97					
	37.	Swartz "Chemical Databases" ChemOffice WebServer Reviews (2000)  http://web.archive.org/web/20000616105753/products.camsoft.com/reviews/review.cfm?ID=106  Accessed on March 29, 2005					
	38.	Swartz "ChemOffice CombiChem Preview" ChemNews.com Issue 10.1 (2000) http://web.archive.org/web/20001119215200/www.chemnews.com/art.cfm?S=88 Accessed on March 29, 2005					
	39.	Ugi et al. "Computer-Assisted Solution of Chemical Problems—The Historical Development and the Present State of the Art of a New Discipline of Chemistry" <i>Angew. Chem. Int. Ed. Engl.</i> 32:201-227 (1993)					
	40.	Vilet "Enhancements Mark Anniversary of Chemscape Launch" <i>Molecular Connection</i> 17(1): 12-13, 24 (1998)					
	1						

Examiner Signature	Date Considered	